

EG&G ER Program  
Rocky Flats Plant

(02/14/90)

# ER PROGRAM DATA ASSESSMENT SUMMARY REPORT FORM

Batch No. 8905L360 Site Area 2 - 881 Hillside  
Laboratory Roy F. Weston-Lionville No. of Samples/Matrix 1/Water  
SOW # 7/87 Reviewer Org. TechLaw, Inc.  
Sample Numbers G09740589001C

## Data Assessment Summary

	ICP	AA	Hg	CN	Comments
1. Holding Times	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
2. Calibrations	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
3. Blanks	<u>A</u>	<u>A</u>	<u>V</u>	<u>V</u>	<u>Action Items 1-7</u>
4. ICP Interference Check Sample	<u>V</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	
5. Lab Control Sample Results	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
6. Duplicate Sample Results	<u>X</u>	<u>X</u>	<u>V</u>	<u>A</u>	<u>Comment 1</u> <u>Action Item 8</u>
7. Matrix Spike Sample Results	<u>X</u>	<u>A</u>	<u>V</u>	<u>V</u>	<u>Comment 2</u>
8. Method of Standard Addition	<u>N/A</u>	<u>V</u>	<u>N/A</u>	<u>N/A</u>	
9. Serial Dilution	<u>X</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>Comment 3</u>
10. Sample Verification	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
11. Other QC	<u>V</u>	<u>V</u>	<u>V</u>	<u>V</u>	
12. Overall Assessment	<u>A</u>	<u>A</u>	<u>V</u>	<u>V</u>	<u>Data acceptable</u> <u>with qualifications</u>

V = Data had no problems.

A = Data acceptable but qualified due to problems.

R = Data rejected.

X = Problems, but do not affect data.

N/A = Not applicable.

**Data Quality:** Data contained in this batch were reviewed and found to be acceptable with qualifications. Acceptable,  
qualified data may be used provided that individual values impacted by the "Action Items" listed below are appropriately flagged.  
(Refer to attached Results Summary Tables).

"REVIEWED FOR CLASSIFICATION" **ADMIN RECORD**

By R. B. HoffmanDate 7-11-80

8905L360/rk20j

REVIEWED FOR CLASSIFICATION/UCN

By George H. SeelockDate 6/27/90

A-OU01-000070

**Action Items:** 1) The Lead and Vanadium values are estimated and undetected (UJ) because analyte values >IDL were found in the blanks.

2) The Aluminum value is estimated (J) because of negative bias indicated in the blank.

3) The Beryllium value is estimated (J) because of negative bias indicated in the blank.

4) The Copper value is estimated (J) because of negative bias indicated in the blank.

5) The Iron value is estimated and undetected (UJ) because of Iron values >IDL in the blanks.

6) The Nickel value is rejected (R) because of negative bias indicated in the blank.

7) The Potassium value is estimated (J) because of negative bias indicated in the blank.

8) The Thallium value is estimated and undetected (UJ) because the post-digestion matrix spike was outside control limits.

**Comments:** 1) Duplicates were not performed for ICP.

2) Pre-digestion matrix spike was not performed for ICP.

3) ICP serial dilution was not performed.

**Note:** Data Summary Tables are attached.

Robert J. Thill 2/14/90  
Reviewer Signature Date

